

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	"5801522"	US-PGPUB; USPAT	OR	OFF	2007/08/09 13:22
S2	782	361/93.1	US-PGPUB; USPAT	OR	OFF	2006/07/25 08:39
S3	511	S2 and (power (power adj source)) and (load\$1)	US-PGPUB; USPAT	OR	OFF	2006/07/25 08:39
S4	217	S3 and (current near (sense sensing sensor))	US-PGPUB; USPAT	OR	OFF	2006/07/25 08:40
S5	53	S4 and (resistor) and (amplifier op\$1amp (operational adj amplifier)) and (comparator)	US-PGPUB; USPAT	OR	OFF	2006/07/25 08:40
S6	52	S5 and (switch\$3 transistor)	US-PGPUB; USPAT	OR	OFF	2006/07/25 08:41
S7	.5	("5581170"   "5600575"   "5644510"   "5943203").PN. OR ("6600641"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/25 09:28
S8	33903	current adj (sense sensor sensing)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/25 09:28
S9	19697	S8 and resistor\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/25 09:28
S10	5057	S9 and (op\$1amp (operational adj amplifier))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/25 09:29
S11	2695	S10 and (comparator)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/25 09:29
S12	1912	S11 and (power (power adj source)) and (load)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/25 09:29
S13	1846	S12 and (switch transistor relay)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/25 09:30
S14	1465	S13 and (gnd ground)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/25 09:30

## EAST Search History

S15	27	("20020037054"   "20020126574"   "20020130643"   "20020150116"   "4463341"   "4477896"   "4734919"   "5083067"   "5305316"   "5381553"   "5469150"   "5479124"   "5483230"   "5525962"   "5589813"   "5657324"   "5745027"   "5859584"   "6115831"   "6147963"   "6188314"   "6363066"   "6396391"   "6438462"   "6459175"   "6473608"   "6477457").PN. OR ("7015798"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/25 13:45
S16	6	("5498984"   "5585746"   "5627494").PN. OR ("6621259"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/25 13:55
S17	1753	(current adj sensor) with resistor	US-PGPUB; USPAT	OR	OFF	2006/07/25 15:19
S18	438	S17 and (op\$1amp (operational adj amplifier))	US-PGPUB; USPAT	OR	OFF	2006/07/25 15:45
S19	288	S18 and (NPN PNP transistor)	US-PGPUB; USPAT	OR	OFF	2006/07/25 15:46
S20	178	S19 and (comparator)	US-PGPUB; USPAT	OR	OFF	2006/07/25 15:44
S21	822	S17 and (comparator)	US-PGPUB; USPAT	OR	OFF	2006/07/25 15:45
S22	492	S21 and (cut\$3 disconnect\$3 interrupt\$3)	US-PGPUB; USPAT	OR	OFF	2006/07/25 15:45
S23	357	S22 and (power (power adj source)) and load	US-PGPUB; USPAT	OR	OFF	2006/07/25 15:45
S24	122	S23 and (op\$1amp (operational adj amplifier))	US-PGPUB; USPAT	OR	OFF	2006/07/25 15:45
S25	97	S24 and (NPN PNP transistor)	US-PGPUB; USPAT	OR	OFF	2006/07/25 15:56
S26	140	361/93.7	US-PGPUB; USPAT	OR	OFF	2006/07/25 15:56
S27	122	361/93.7.ccls.	US-PGPUB; USPAT	OR	OFF	2006/07/25 15:56
S28	1	("6515840").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/25 16:12
S29	1	("20050128657").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/26 07:20
S30	43458	current near (sense sensor sensing)	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:44

## EAST Search History

S31	21098	S30 and (resistor)	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:44
S32	7789	S31 and (op\$1amp (operational adj amplifier) (differential adj amplifier))	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:45
S33	3899	S32 and (comparator)	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:45
S34	3768	S33 and (reference)	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:45
S35	996	S34 and (zener adj diode)	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:45
S36	951	S35 and power	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:45
S37	760	S36 and load	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:45
S38	708	S37 and (transistor MOSFET FET)	US-PGPUB; USPAT	OR	OFF	2006/07/26 13:46
S39	0	(current near threshold) near (chang\$4) near (voltage) near (load)	US-PGPUB; USPAT	OR	OFF	2007/01/08 13:25
S40	0	(current adj threshold) near (chang\$4) near (voltage) near (load)	US-PGPUB; USPAT	OR	OFF	2007/01/08 13:26
S41	5	(current adj threshold) with (chang\$4) with (voltage) with (load)	US-PGPUB; USPAT	OR	OFF	2007/01/08 13:33
S42	9	(threshold adj changes) with (voltage) with (current)	US-PGPUB; USPAT	OR	OFF	2007/01/08 15:48
S43	2	((("6621259") or ("6515840"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 15:49
S44	1	("6646847").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/04 12:56
S45	3	("6347028"   "6469882").PN. OR ("6646847").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 12:58
S46	1	("6347028").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/04 14:08
S47	6101	((power voltage) near (vary\$4 chang\$4)) same (current near (vary\$4 chang\$4))	US-PGPUB; USPAT	OR	ON	2007/05/04 14:09
S48	4644	((power voltage) near (vary\$4 chang\$4)) with (current near (vary\$4 chang\$4))	US-PGPUB; USPAT	OR	ON	2007/05/04 14:09

## EAST Search History

S49	1680	((power voltage) near (vary\$4 chang\$4)) near (current near (vary\$4 chang\$4))	US-PGPUB; USPAT	OR	ON	2007/05/04 14:10
S50	294	((power voltage) near (vary\$4)) near (current near (vary\$4))	US-PGPUB; USPAT	OR	ON	2007/05/04 14:10
S51	3	(current near var\$4) same (power near var\$4) same (load) same (exceed\$1 great\$2) same (disconnect\$3 cut\$1off cut\$3)	US-PGPUB; USPAT	OR	OFF	2007/08/09 13:26
S52	4	(current near var\$4) same (voltage near var\$4) same (load) same (exceed\$1 great\$2) same (disconnect\$3 cut\$1off cut\$3)	US-PGPUB; USPAT	OR	OFF	2007/08/09 13:27
S53	783	361/93.1.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/09 13:33
S54	8	S53 and (voltage near (varies varying variations)) and (current near (varies varying variations))	US-PGPUB; USPAT	OR	OFF	2007/08/09 13:29
S55	3	("6347028"   "6469882").PN. OR ("6646847").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 14:02
S56	2446	(power near consump\$4 near limit\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 14:02
S57	481	S56 and ((voltage) with (varying varies variations))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 14:03
S58	190	S57 and (current with (varying varies variations))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 14:03
S59	137	S58 and load	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 14:03
S60	122	S59 and (exceed\$1 great\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 14:03
S61	45	S60 and (disconnect\$3 cut\$1off discontinu\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 14:04